

3 Megapixel Resolution  
Power over Ethernet (PoE)  
Mechanical IR-cut Filter  
Micro SD Memory Slot  
Alarm and Audio In/Out  
DC IRIS



H.264  
ONVIF

# 3 MEGAPIXEL IP WDR BOX CAMERA with ICR

## FEATURES

Full HD IP WDR box Camera with Mechanical ICR  
Alarm Input and Output  
Service BNC Output  
RS485 output  
Built in Audio Microphone  
Micro SD Memory Slot  
DC12V / PoE

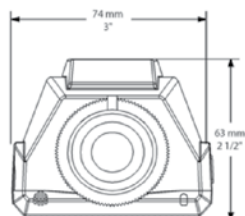
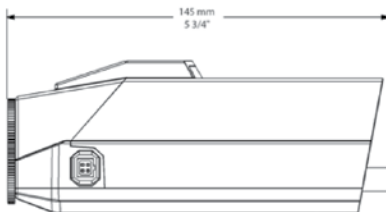


Front



Back

## DIMENSIONS



NCO A32FD	
<b>CAMERA</b>	
Sensor	Aptina 1/3" WDR CMOS
Max Resolution / FPS	2048×1536 / 30fps
Min. illumination	0.5Lux @ F1.2 (Color) (0 Lux IR LED On)
Day / Night	True Day / Night with ICR Filter.
IR LEDs	Works with external IR Lighting
Lens	Standard CS Mount lens fitting.
Video Output	Rear Mount BNC video output with IP Address OSD
Electronic Shutter	Auto / User 1/5 - 1/50, 0000; 50/60Hz software selectable.
<b>PARAMETERS</b>	
Compression	H-264 High Profile (Support Baseline Profile) / MJPEG
Bit Rate (CBR/VBR)	Stream1 50Kbps - 12Mbps ; Stream2 10Kbps - 6Mbps ; Stream3 (Fixed)
Quality Setting	1 - 9 (9 Highest)
Multi- Streaming	User setting of Stream 1/2 at supported Resolutions, Stream3 MJPEG Stream
Brightness / Sharpness	Variable 0~100 / 0~100
Gain Control	Auto / Fixed 8~102db
Orientation	Horizontal Mirror / Vertical Flip
Text Overlay	Time / Date / Camera / Custom OSD
Masking	5 User defined masking areas < 8% of total picture
<b>NETWORK</b>	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
TCP/IP	IPv4 / IPv6 (DHCP / Fixed)
Compliance	Onvif v2.2 Profile-S Listed
RTSP Video	Standard RFC2326, Support QuickTime / VLC Player. User security authentication (Enabled / Disabled)
Web Language	English, Chinese, Russian, Polish, (European Languages coming 2013)
Recording Simultaneous	Local Micro SD Memory, Remote FTP server, TCP/UDP CMS, RTSP connection (stream 1,2 or 3)
Network Protocols:	HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PPoE, NTP. Unicast and Multicast supported.
Memory Card Slot	Internal memory card supports Max 64GB. Supports Edge Recording
<b>AUDIO</b>	
Input / Output	1 × RCA Input / 1 × RCA Output @ 1v Line Level
Audio Compression	G711 A-Law, G711 U-Law, RAW_PCM
<b>GENERAL</b>	
Power	12V DC @ 170mA / PoE Class 3
Temperature	Operating: 14°F to 131°F (-10°C to 55°C) Storage: -4°F to 140°F (-20°C to 60°C)
Operating Humidity	10% - 85% RH
Approvals	CE / FCC / RoHS Compliant
Product Dimensions	145 x 64 mm (5.8 x 2.5)